

OVERVIEW

Combined Federal Effort Environmental Impact Statement/Environmental Impact Report

Built in 1955, Folsom Dam is one of the principal reservoirs of the Bureau of Reclamation's (Reclamation) Central Valley Project, and is an integral part of California's water delivery, power and flood control system. Folsom Dam provides drinking water for more than 200,000 people, irrigation water for more than 7,000 acres of farmlands, flood control for the growing Sacramento metropolitan area, and a recreation resource for millions of Californians.



COMBINED FEDERAL EFFORT – PROVIDING FOR THE LONG-TERM SAFETY OF FOLSOM DAM

The combined Federal effort will address Reclamation's Dam Safety Program objectives of improving public safety at Folsom Dam and all associated structures, and the US Army Corps of Engineers (Corps), SAFCA, and The Reclamation Board's flood damage reduction projects that are designed to provide increased flood protection for the Sacramento area.

Reclamation and the Corps are committed to the safe design and operation of their facilities. Folsom

Dam was built using the best engineering of the mid 20th century. Since then, the understanding of dam construction has progressed, and it is clear that while still safe, Folsom Dam and the associated structures are in need of a thorough assessment and rehabilitation.

This is due in part to the large increase in population immediately below the dam, since it was constructed.

ASSESSING THE IMPACTS

An Environmental Impact Statement/Environmental Impact Report (EIS/EIR) will be prepared to assess the potential impacts of any modifications made to the structures or to how Folsom Dam is operated as a result of the alternatives identified by the CAS and various Corps environmental documents. In the EIS/EIR, the issues and alternatives will include:

Proposed modifications to Folsom Dam will address issues associated with:

- Hydrologic - Major Flood Events
- Seismic - Earthquakes
- Static - Seepage and Piping through embankments

Modifications associated with flood control operations, seismic and static alternatives include, but are not limited to:

- Embankment Raise Options
- Auxiliary Spillway Options
- Tunnel Options
- Mormon Island Auxiliary Dam Seismic Alternatives
- Concrete Dam Seismic Options
- Folsom Dam and Embankment Static Alternatives
- Enlarge / Add outlets to the Dam